| Manhole Inspection Summary N | | | Manhole # S21M045MH |
|---|--------------------------|------------------------------|---|
| Printed On: 1/22 | 2/2009 | | Page 1 of 4 |
| Inspection | ☐ Is Incomplete | Rating: 2) Good | |
| Record Plat: 21 | IM Node: 045 | Status: Found | Insp Date: 3/31/08 9:12 AM |
| Incomplete Comments | | | Crew: REI |
| | | | Inspector: paulfry |
| | | | Firm: ATS |
| Location | Address: 436 s payson st | | Cross Street: christian-wilkens alley |
| Manhole | Type: Inline | Location: Roadway | Ground Conditions: Wet |
| | ☐ Prev. Rehab | Weather: Light Rain | Subject To Ponding: Sheeting |
| Comments | | | |
| | | | |
| Cover | Shape: Circular | | (in.) Length: 0 (in.) Dist A/B Grade: 0 (in.) |
| 5 | Type: Sanitary | Condition: Sour | |
| Properties: Bolted Vented Water Tight Water Tight Insert | | | |
| Frame | Offset: 3 (in.) | Condition: 🗸 Sound | ☐ Cracked ☐ Leaks |
| Chimney / Frame Adjustment | | | |
| Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated | | | |
| Infiltration: | ☐ None ✓ Joint | ☐ Cracks ☐ Mortar | ☐ Roots ☐ Wall |
| Corbel | Material: Brick | ☐ Parge | d Type: Concentric/Eccentric |
| Condition: | ✓ Sound ☐ Crack | ed Root Intrusion | Loose Brick Deteriorated |
| Infiltration: | ✓ None ☐ Joint | ☐ Cracks ☐ Mort | ar □ Roots □ Wall |
| Barrel | Material: Brick | ☐ Parge | d |
| Shape: | Circular Di | ameter: 48 (in.) Leng | th: 0 (in.) |
| Condition: | ✓ Sound ☐ Crack | ed Root Intrusion | ☐ Loose Brick ☐ Deteriorated |
| Infiltration: | ✓ None ☐ Joint | ☐ Cracks ☐ Mort | ar □ Roots □ Wall |
| Bench | ✓ Exists Material: | Brick | ☐ Parged |
| Condition: | ✓ Sound ☐ Crack | ed Root Intrusion | ☐ Deteriorated ☐ Leaks ☐ Debris |
| Channel | Material: Brick | ☐ Parge | d |
| Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0 | | | |
| Condition: | ✓ Sound ☐ Crack | ed Root Intrusion | ☐ Deteriorated ☐ Leaks ☐ Debris |
| Steps | Count: 3 Missing | 2 Corroded | |
| Surcharge | ✓ Evidence Of Sur | charge Depth: 4 (| t.) Active Surcharge Present |

Manhole Inspection Summary

Manhole # S21M__045MH

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Location View



Defect 5



loose concrete chimney

Defect 3



Top View



Defect 4



surcharge evidence on step

Defect 2



cracked chimney bricks/concrete, infiltration @ chimney joint

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Defect 1



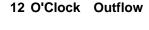
frame offset

Manhole Inspection Summary

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8 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.20 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 7 OClock



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 6.79 (ft.) Flow Characteristics: Slow

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

7 O'Clock Inflow Drop In @ 7 OClock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **7.67** (ft.)

Inv Depth: **8.67** (ft.)

Drop Condition: Open

Connects To: Manhole

☐ Possible Illicit Connection